

Claim Amendments

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (original): A sensor module comprising at least one sensor element that is at least partially surrounded by a housing, wherein the housing of the module is flexible, and a transmission means for wireless data transmission is integrated in the module.

Claim 2 (original): The sensor module of claim 1, wherein the transmission means contains an antenna and/or an induction coil.

Claim 3 (original): The sensor module of claim 1, wherein an operational voltage for the sensor module is inductively coupled in.

Claim 4 (original): The sensor module of claim 1, wherein the operational voltage for the sensor module is electromagnetically coupled in.

Claim 5 (original): The sensor module of claim 1, wherein the housing consists of one or more flexible foils.

Claim 6 (original): The sensor module of claim 1, wherein the flexible housing is designed so that it may be vulcanized into a rubber tire.

Claim 7 (currently amended): The sensor module of claim 1, wherein the flexible housing is adapted to the geometry of ~~the~~ a receiving unit.

Claim 8 (original): The sensor module of claim 1, wherein the sensor module incorporates a memory element.

Claim 9 (original): The sensor module of claim 1, wherein the sensor element is a pressure sensor and the entire sensor module is inductively operated.

Claim 10 (original): The sensor module of claim 9, wherein a gel is introduced between the flexible cover and the pressure sensor.

Claim 11 (original): A method for the production of a sensor module with at least one sensor element, wherein the sensor elements are mounted on a flexible support material and are contacted via a flexible cover.

Claim 12 (original): The method of claim 11, wherein a flexible stand-off is introduced between the support material and the cover.